

PHOTOSENSITIVE COMPOSITION

Patent number: JP2096755
Publication date: 1990-04-09
Inventor: NAKAI HIDEYUKI; GOTO SEI; TOMIYASU HIROSHI;
KOBAYASHI YOSHIKO
Applicant: KONISHIROKU PHOTO IND;; MITSUBISHI CHEM IND
Classification:
- international: G03F7/004; G03F7/023
- european:
Application number: JP19880249398 19881003
Priority number(s): JP19880249398 19881003

Abstract of JP2096755

PURPOSE: To obtain a photosensitive compsn. having superior capacity for forming visible picture by exposure, as well as superior under developability and high sensitivity by constituting the compsn. of 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd. an alkali soluble resin, a halomethyl oxadiazole compd., as a discoloring agent. **CONSTITUTION:** The title compsn. contains 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd., the alkali-soluble resin, the halomethyl oxadiazole compd. which generates free halogen radicals by irradiating with active light rays, and a discoloring agent which changes its tone by the interaction with a photolysis of the halomethyl oxadiazole compd. Suitable alkali-soluble resin is particularly novolak resin and vinyl polymer having structure units having phenolic OH groups in the molecule. A photosensitive planographic printing plate having superior capacity for forming visible picture by exposure, superior under developability, as well as high sensitivity, is obtd. from the above-described compsn.

Data supplied from the **esp@cenet** database - Worldwide

DELPHION**RESEARCH****PRODUCTS****INSIDE DELPHION**

Logout | My Profile | Search Services

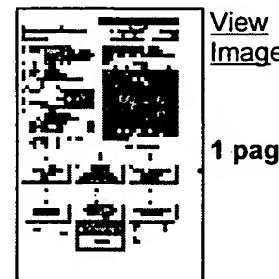
My Account

Search: Quick/Number Boolean Advanced Derwent Help

The Delphion Integrated View

Get Now: PDF | [More choices...](#)Tools: Add to Work File: Create new Work File AddView: INPADOC | Jump to: [Top](#) Go to: [Derwent](#) [Email this to a friend](#)**>Title: JP02096755A2: PHOTORESITIVE COMPOSITION**

Derwent Title: Photosensitive compsn. for lithographic plates - contg. 1,2-naphthoquinone-2-diazo-4-sulphonic acid, alkali-soluble resin, dye, and halo-methyl oxadiazole [\[Derwent Record\]](#)

Country: JP Japan**Kind:** A

Inventor: NAKAI HIDEYUKI;
GOTO SEI;
TOMIYASU HIROSHI;
KOBAYASHI YOSHIKO;

Assignee: KONICA CORP
MITSUBISHI KASEI CORP
[News, Profiles, Stocks and More about this company](#)

Published / Filed: 1990-04-09 / 1988-10-03

Application Number: JP1988000249398**IPC Code:** G03F 7/023; G03F 7/004;**Priority Number:** 1988-10-03 JP1988000249398

Abstract: PURPOSE: To obtain a photosensitive compsn. having superior capacity for forming visible picture by exposure, as well as superior under developability and high sensitivity by constituting the compsn. of 1,2-naphthoquinone-2-diazo-4-sulfonic ester compd., an alkali soluble resin, a halomethyl oxadiazole compd., as a discoloring agent.

CONSTITUTION: The title compsn. contains 1,2-naphthoquinone-2-diazo-4-sulfonic ester compd., the alkali-soluble resin, the halomethyl oxadiazole compd. which generates free halogen radicals by irradiating with active light rays, and a discoloring agent which changes its tone by the interaction with a photolysis of the halomethyl oxadiazole compd. Suitable alkali-soluble resin is particularly novolak resin and vinyl polymer having structure units having phenolic OH groups in the molecule. A photosensitive planographic printing plate having superior capacity for forming visible picture by exposure, superior under developability, as well as high sensitivity, is obtd. from the above-described compsn.

COPYRIGHT: (C)1990,JPO&Japio

INPADOC None **Get Now:** [Family Legal Status Report](#)
Legal Status:
Designated Country: DE FR GB

| Family: | PDF | Publication | Pub. Date | Filed | Title |
|----------------|---------------------|-----------------------------|---------------------------|-----------------------|-----------------------|
| | | | | | |

| | | | | |
|-------------------------------------|----------------|------------|------------|---|
| <input checked="" type="checkbox"/> | U.S. 5,597,000 | 1993-06-15 | 1992-03-24 | Photosensitive composition containing 1,2-naphthoquinone-2-diazido-4-sulfonic acid ester, alkali-soluble resin, halomethyloxadiazole compound and a dye |
| <input checked="" type="checkbox"/> | JP02096759A2 | 1990-04-09 | 1988-10-04 | PHOTOSENSITIVE PLANOGRAPHIC PRINTING PLATE |
| <input checked="" type="checkbox"/> | JP02096755A2 | 1990-04-09 | 1988-10-03 | PHOTOSENSITIVE COMPOSITION |
| <input checked="" type="checkbox"/> | EP0362778B1 | 1999-01-13 | 1989-10-02 | Photosensitive composition |
| <input checked="" type="checkbox"/> | EP0362778A3 | 1991-06-12 | 1989-10-02 | Photosensitive composition |
| <input checked="" type="checkbox"/> | EP0362778A2 | 1990-04-11 | 1989-10-02 | Photosensitive composition |
| <input checked="" type="checkbox"/> | DE68928903C0 | 1999-02-25 | 1989-10-02 | LICHTEMPFINDLICHE ZUSAMMENSETZUNG |
| <input checked="" type="checkbox"/> | CA2000111AA | 1990-04-03 | 1989-10-03 | PHOTOSENSITIVE COMPOSITION |

8 family members shown above

Other Abstract
Info:

Inquire
Regarding
licensing

DERABS C90-133305



Nominate this for the Gallery...



THOMSON

Copyright © 1997-2005 The Thomson Corporation

[Subscriptions](#) | [Web Seminars](#) | [Privacy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)